

Color display with touchscreen

Intuitive menu navigation for simple and time-saving communication between user and device.

Fluid circulation

The optimized fluid circulation ensures highest effectiveness in the color change and flushing process with components specially developed for this purpose.



Simple operation

Start, stop, flushing and recipe change - The robust controls can also be operated safely and easily with painting gloves.

Software for process controlling

Transparency and effectiveness can be evaluated and verified by recording the process data with a PC software.

The WAGNER 2K COMFORT is a new, electronically controlled mixing and dosing system for multicolor applications - up to 25 colors and 4 components can be processed simultaneously. For a highly efficient coating process, the equipment can be integrated into a fieldbus system.

- Simple, intuitive operation via integrated touch display or external PC
- Ideally suited for extensive coating requirements

Operation with tablet PC

Comfortable and time-saving input of all parameters and recipes.



Dosing

The B component is injected into the A component using a modern method. With the AIS system, the injection stroke is also automatically adjusted to the material flow. This ensures a worry-free mixing process.

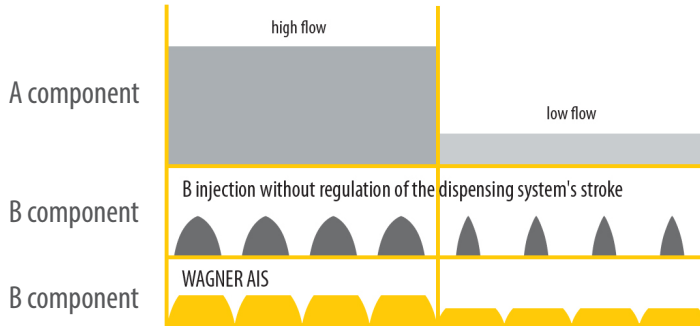


- Up to 50% reduced workpiece processing compared to the earlier FlexControl Plus model.
- Cost advantage of up to 15% compared to an application using two single circuit systems.
- Physical separation of the materials avoids units downtimes, especially important for highly reactive materials.

Unique Highlights: These functions of the WAGNER 2K COMFORT open completely new possibilities for an optimal mixing and painting process.

- Separate flushing Waste can be reduced by 50% in comparison with conventional gun distribution valves. With the unique gun distribution valve of WAGNER, not only can two guns be operated separately from each other, but can also be flushed separately.
- Flow control The flow control allows a simple automatic adjustment of the material flow rate to changing conditions.
- High voltage release The WAGNER 2K COMFORT provides increased safety for personnel and equipment by enabling or disabling the WAGNER high voltage controller VM 5000
- Data exchange In order to transmit, for example, information to a robot or a higher-level control, the WAGNER 2K COMFORT can be integrated into a fieldbus system with a gateway
- Further configuration options Compared to the manual dilution of the material, time and money can be saved. The WAGNER 2K COMFORT allows the addition of a third or fourth component. Thus, for example, a highly viscous material may be diluted in real time with the third component.

The AIS functional principle



The AIS dispensing system from WAGNER

The AIS (Adaptive Injection System) regulates the maximum flow rate of the metering valve fully automatically. With the WAGNER AIS, the B component is injected in smooth cycles, almost without interruptions. This results in a homogeneous addition of the B component even before mixing. When changing the amount of paint flowing through, the dosing system automatically ensures an optimal mixing ratio and a reliable, constant coating quality.

2K Comfort Technical Data	
Mixing accuracy	± 1%
Mixing ratio	0.1 : 1 - 50 : 1
Material press	Max. 325 / 530bar
Flow	50 - 7000 cc / min 2
Components A	Max. 25
Components B	Max. 10
Components C	Max. 10
Components D	Max. 10
Flushing agent A	10
Flushing agent B	5
Flushing agent C	5
Flushing agent D	5
Guns	Max. 4
Material temperature	+41 °F - +140 °F
Material viscosity	20 - 2200 mPas, depending on the flow
Workable materials	Water and solvent-based materials
Workable components	2K, 3K, and 4K
Dimensions (W x H x D)	Wall mount: 37.4 x 67.0 x 13.8 inches Stand: 38.8 x 79.1 x 22.8 inches

Mixing and dosing of the highest standard

The WAGNER 2K COMFORT is ideal for multicolor applications.



WAGNER Systems Inc.

Powder Division

1770 Fernbrook Lane
Plymouth, MN 55447
T 800.473.2524
F 630.503.2377

Liquid Division

337 South Arthur Ave
Louisville, CO 80027
T 888.820.4498
F 303.438.5708

www.wagnersystemsinc.com

